



University : UzSWLU

Country : Uzbekistan

Web Address: <https://www.uzswlu.uz/en>

4. Water

[4.6] WR6 Water Pollution Control in the Campus Area

UzSWLU operates a comprehensive Water Pollution Prevention and Control Programme within the Eco-Construction and Green Infrastructure Policy (Order No. 34/2024) and the Sustainable Campus Action Plan (2021–2025).

1. Integrated Wastewater Collection and Treatment

Wastewater from academic buildings, administrative offices, dormitories, cafeterias, and auxiliary facilities is collected through sealed underground sewer infrastructure connected to the Tashkent City Central Wastewater Treatment Plant. On-site preliminary treatment includes grease interception systems in cafeterias, sediment filtration units and drainage catch basins at discharge points, and monthly technical inspections. By 2025, 100% of campus wastewater received pre-treatment before transfer to the municipal facility.

2. Sustainable Stormwater and Green Drainage

Permeable pavement in parking and pedestrian zones, vegetated bioswales and retention ponds, sediment retention systems, and rainwater diversion infrastructure together expanded green drainage coverage from 70% to 95% of university territory by 2026 (see indicator 4.1).

3. Monitoring and Compliance

Monthly sampling at 12 strategic discharge locations (dormitories, food service, administrative buildings, drainage systems) is jointly verified by the UzSWLU Sanitation Point and the Tashkent City Water Utility, assessing pH, turbidity, BOD, COD, and TSS. Monitoring during 2024–2025 confirmed 100% compliance with GOST and WHO standards.

4. Awareness and Emergency Preparedness

The “Clean Water, Clean Campus” campaign engaged over 3,200 students and staff; the digital campaign “#WaterWiseUzSWLU” generated 52,000+ social media views. A Water Incident Response Plan (WIRP) and two practical emergency exercises (2024–



2025) were conducted jointly with the Tashkent Water Authority and District Emergency Department.

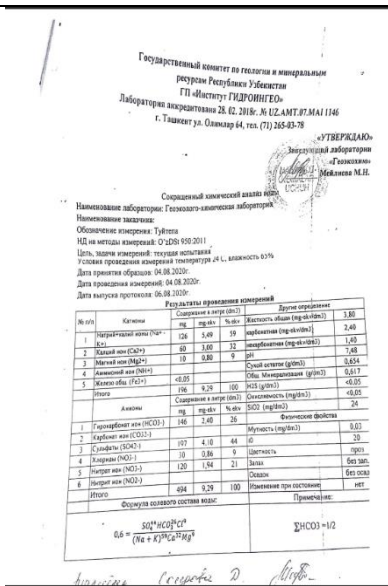
Quantitative Results (2023–2026)

Indicator	2023–24	2024–25	2025–26	Change
Wastewater pre-treated before discharge	94%	100%	100%	+6%
Green drainage/stormwater coverage	70%	88%	95%	+25%
Compliance with discharge standards	97%	100%	100%	+3%
Recorded contamination incidents	0	0	0	Maintained

Key Quantitative Indicators Summary (UzSWLU, 2025–2026)

Category	Indicator	Value / Description
Educational Events	World Water Day Participants	460 students, 60 faculty members
	Water Conservation Pledges	200+ signed
	Awareness Materials Distributed	1,350+ people reached
Water Infrastructure	New Water Filtration Units Installed	18 units
	Leak Sensors Installed	9 key campus areas
	Leak Response Time Improvement	40% faster (average)
Water Quality & Wastewater	Monitoring Points	12 water testing locations
	Detected Critical Contamination	0 (2024–2025 period)
	Wastewater Chemical Reduction	26% decrease due to improved discharge protocols
Water Use & Efficiency	Campus-wide Water Use Reduction	14.4% decrease (compared to previous year)

	Filtered Drinking Water Stations	Increased from 9 to 24
Preparedness & Policy	Emergency Water Response Plan Distributed	All departments covered
	Emergency Simulation Drills	2 conducted successfully
Partnerships	Water Authority & NGO Partnerships	2 formal collaborations established
Digital Awareness Campaign	Hashtag: #WaterWiseUzSWLU	30,000+ views on social media platforms

 Results of water purity measurements	 UzSWLU Seminar Dedicated to World Water Day “No Life Without Water”
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Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

<https://t.me/UzSWLU/16725>